

FIG. 1

Inventors: Junming Le, et al.

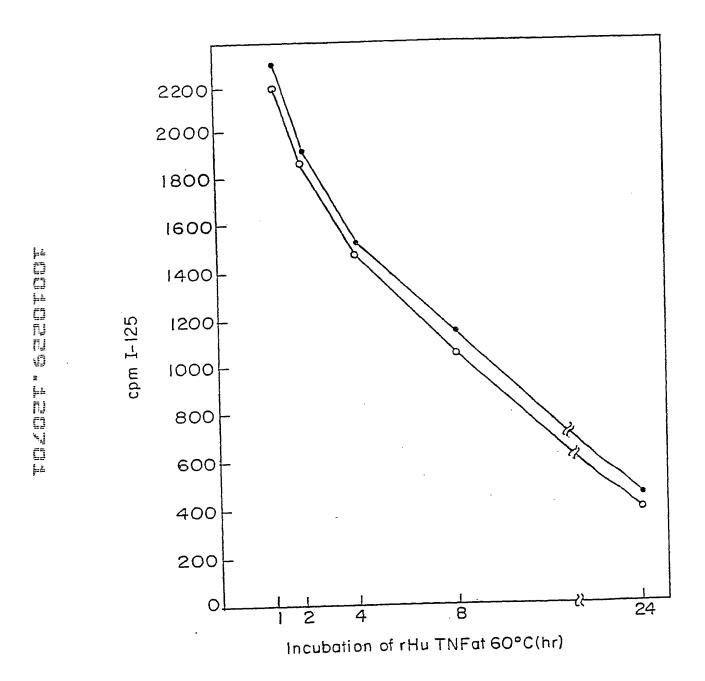
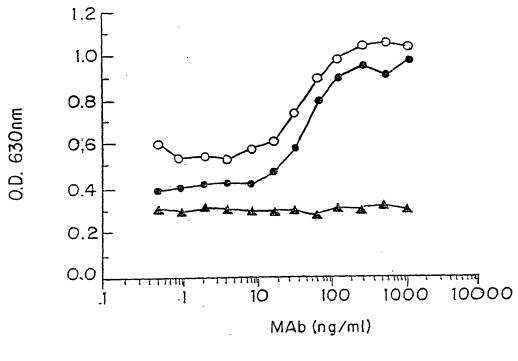


FIG. 2

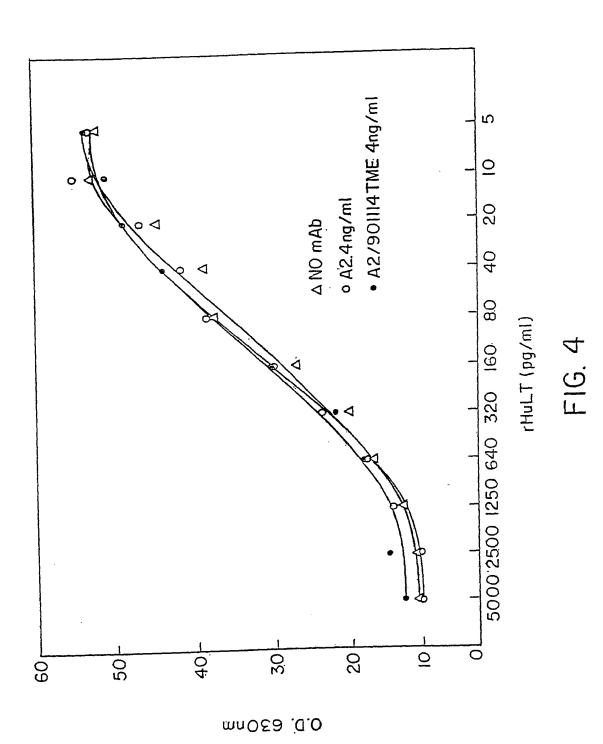


Natural Human TNF

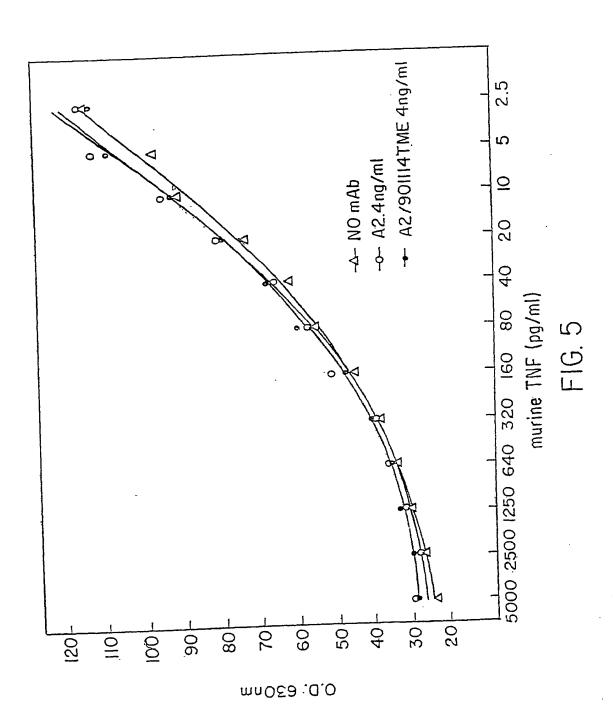
- Recombinant Human TNF
- Control

FIG. 3



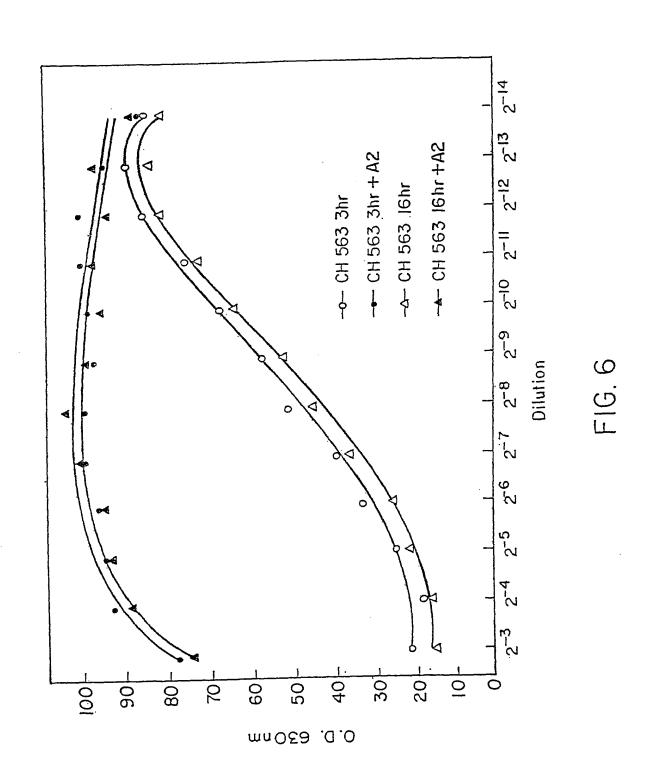




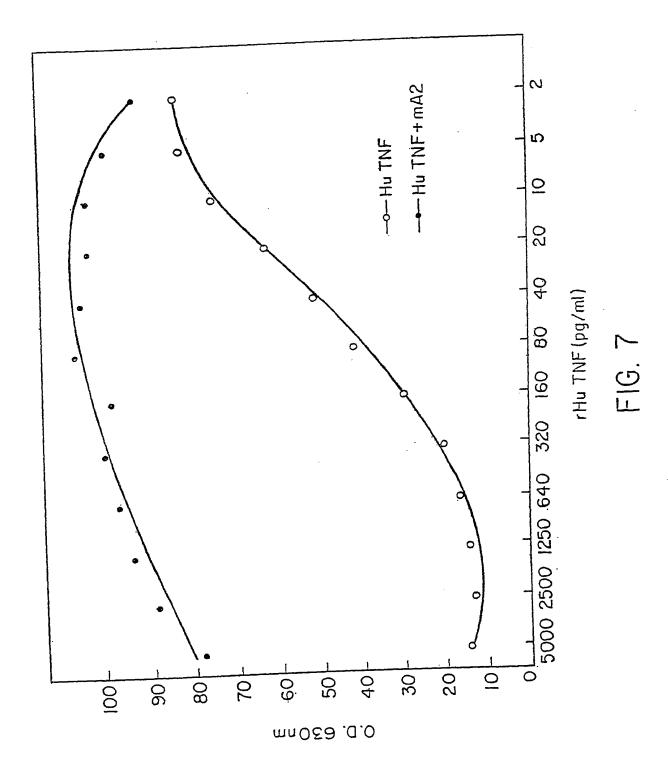


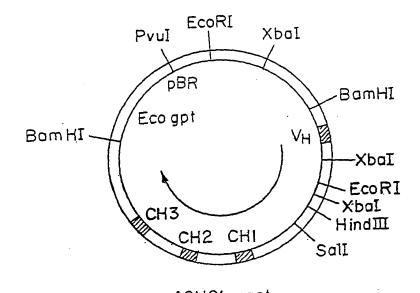
Docket No.: 0975.1005-014 Title: METHODS OF TREATING MYELODYSPLASTIC ...

Inventors: Junming Le, et al.









pA2HG1apgpt

FIG. 8A

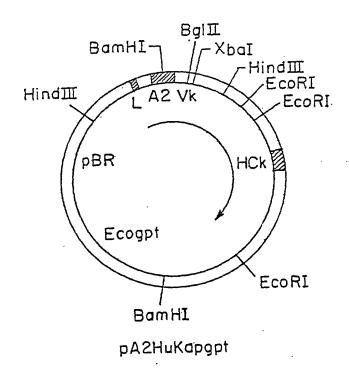


FIG. 8B

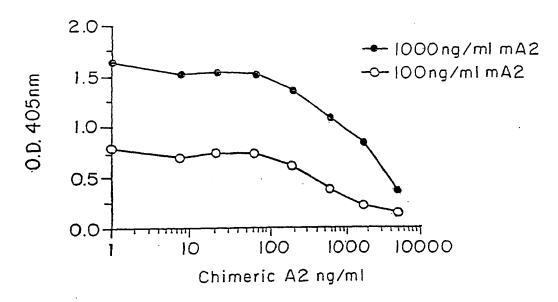


FIG. 9A

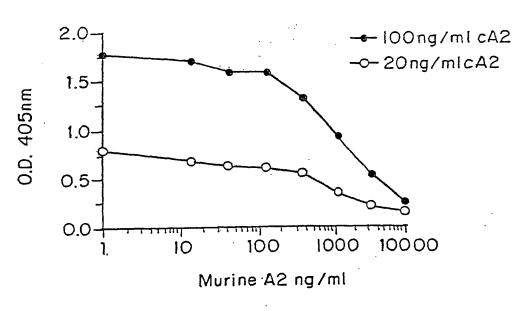


FIG. 9B

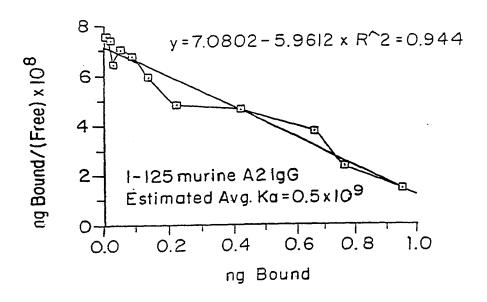


FIG. 10A

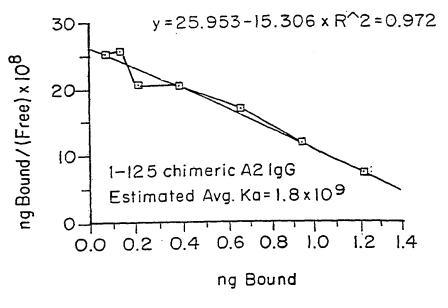


FIG. 10B



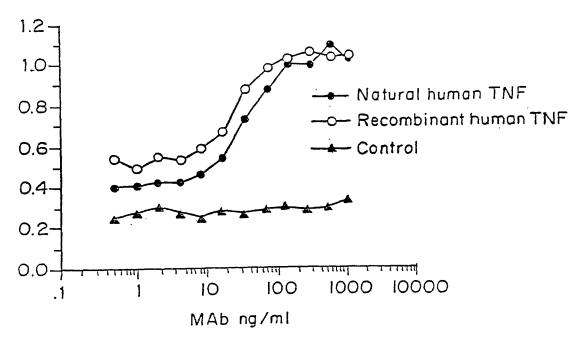


FIG. 11

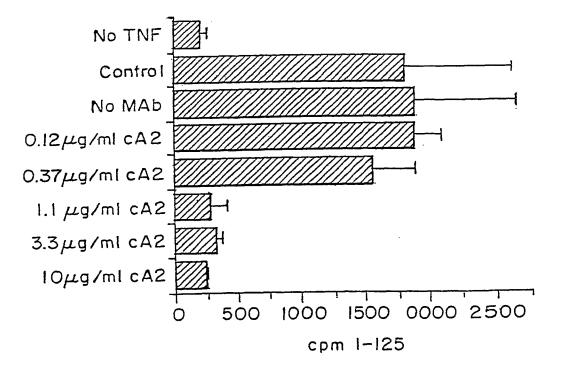


FIG. 12

Docket No.: 0975.1005-014

Title: METHODS OF TREATING MYELODYSPLAS

Inventors: Junming Le, et al.

Pro Asn Ala Val Val His Ala Pro Val Lys Asp Ser Pro Thr Ser Arg Ser Ser ı Val Arg

GlyAla Asn Ala Leu Leu Ala Asn Arg Arg Asn 30 Leu Trp Gln Gln Leu G1yGlu Gln

Ser Tyrlle Glu Gly Leu Tyr Leu Ser Pro 50 Val Val Gln Leu Glu Leu Arg Asp Asn 41 Val

Ile Thr His Thr Leu Leu Val His Thr Ser Pro Cys GlyGln GlyLys Phe Leu Val Gln 19

Pro Ser Lys Ile Ala Ser Leu Leu Asn Val 90 Lys Thr Gln Ser Val Ala I1eArg Ser 81

Leu Tyr IleGlu Pro TYxTrp Pro Lys Ala 110 Glu Ala Pro Glu Gly Thr GluArg Gln 101 Cys

Asp Pro Arg Asn Ile Glu Ala Ser Leu Arg 130 Asp $_{\rm G1y}$ Lys Glu Leu Gln Phe Val Gly Gly 121

Leu Alà Ile Ile GlyPhe Tyr 150 Val Gln G1ySer Glu Ala Phe Asp Leu 141 Tyr Docket No.: 0975.1005-014

Title: METHODS OF TREATING MYELODYSPLASTIC ..

Inventors: Junming Le, et al.

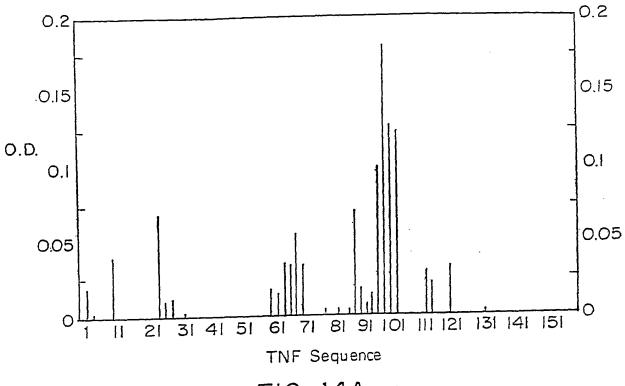


FIG. 14A

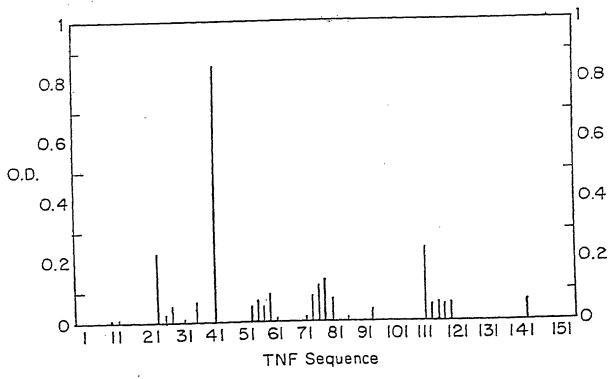


FIG. 14B

Docket No.: 0975.1005-014

Title: METHODS OF TREATING MYELODYSPLASTIC ...

Inventors: Junming Le, et al.

Pro Ala Asn Val Val His the tree that they age that they age. Lys Pro Val Ala Asp 10 Ser Arg Thr Pro Ser Ser Ser Arg ı Val

30 Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Ala (Gln

GlyPro Val 50 Val Glu Leu Arg Asp Asn Gln Leu Val

Ser Ile Tyr Thr Ile His Glu Gly Leu Tyr Leu Thr Thr His Val Leu Leu Ser Ser Pro 70 CysGly Gln GlyLys Phe Leu Val 61 Gln

Pro Ser Lys Ile Ala 90 Lys Val Asn Leu Leu Ser Tyr Gln Thr Ser Val Ala Ile Arg Ser 81

Tyr Leu Pro Trp Tyr Glu Pro Ile Lys Ala Glu 110 Ala G1yGln Arg Glu Thr Pro Glu Cys 101

Ile Asn Arg Pro Asp Glu Ala Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser 130 Gly Val Gly121

Tyr Phe Gly Ile Ile Ala Leu Val 150 Gln GlySer Glu Ala Phe .141 Tyr Leu Asp I

FIG. 15

AspileLeuLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTGTGAGTCCAGGAGAAAGAGTCAGT

TTCTCCTGCAGGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAAGAACA PheSerCysArgAlaSerGlnPheValGlySerSerIleHisTrpTyrGlnGlnArgThr

<u> AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC</u> AsnGlySerProArgLeuLeuIleLysTyrAlaSerGluSerMetSerGlyIleProSer <u>AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT</u> ArgPheSerGlySerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer

GAAGATATTGCAGATTATTACTGTCAAGAAGTCATAGCTGGCCATTCACGTTCGGCTCG GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpProPheThrPheGlySer

GGGACAATTTGGAAGTAAAA GlyThrAsnLeuGluValLys FIG

GluValLysLeuGluGluSerGlyGlyGlyLeuValGlnProGlyGlySerMetLysLeu GAAGTGAAGCTTGAGGAGTCTGGAGGCTTTGGTGCAACCTGGAGGATCCATGAAACTC

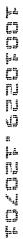
SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer TCCTGTGTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT

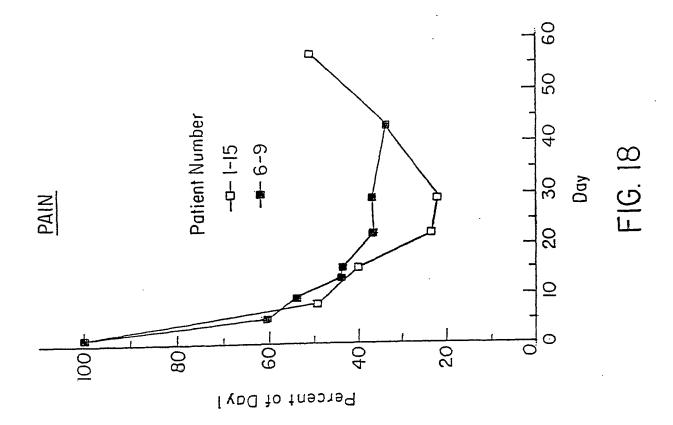
CCAGAGAGGGGCTTGAGTGGGTTGCTGAAATTAGATCAAAATCTATTAATTCTGCAACA ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGAGATGATTCCAAAAGTGCT HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspAspSerLysSerAla

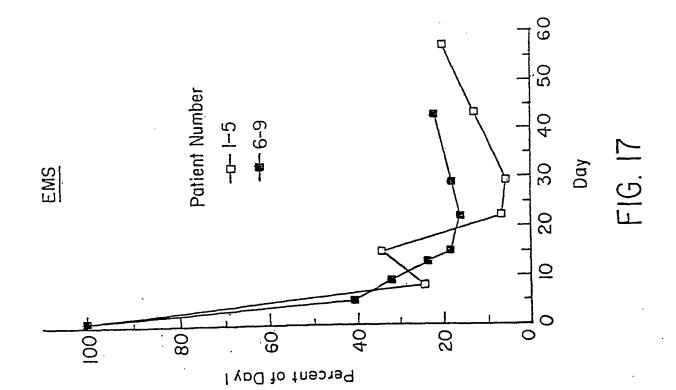
GTGTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTGTTCCAGG ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg

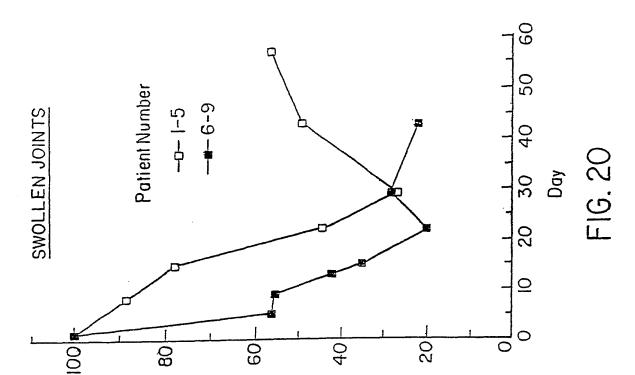
AATTACTACGGTAGTACCTACGACTACTGGGGCCCAAGGCACCACTCTCACAGTGTCC AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer

FIG. 16B

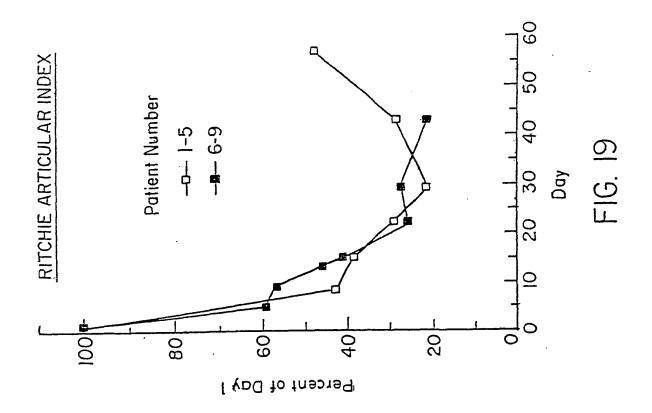




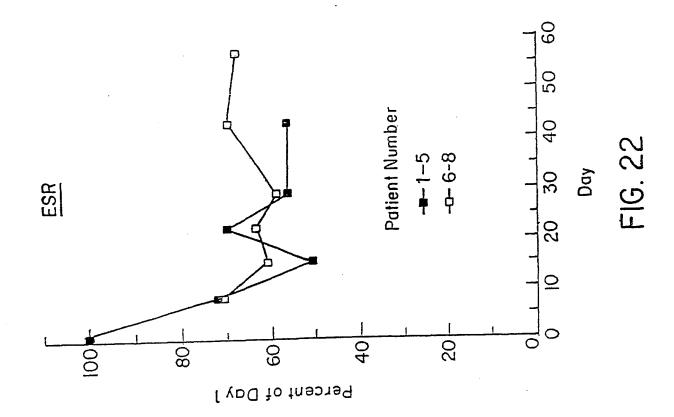


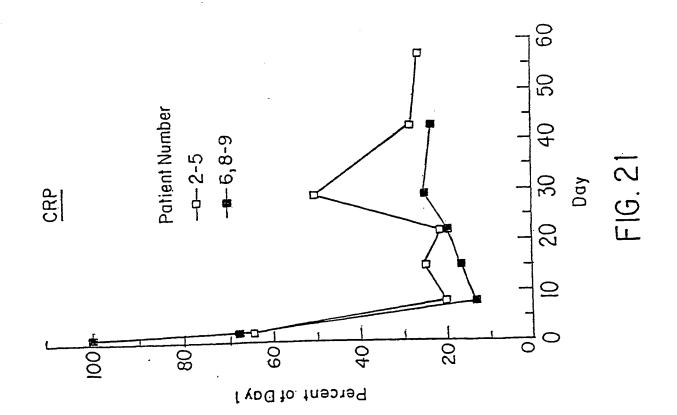


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ventors: Junming Le, et al.





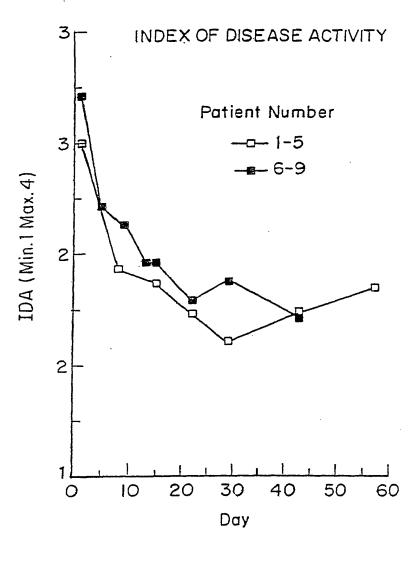
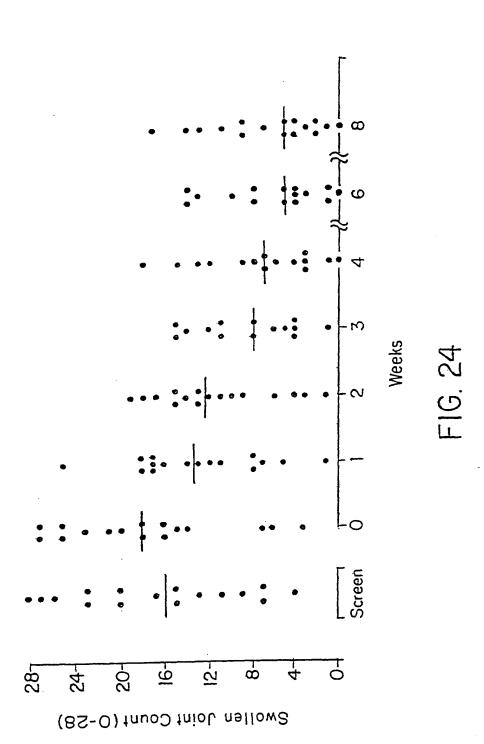
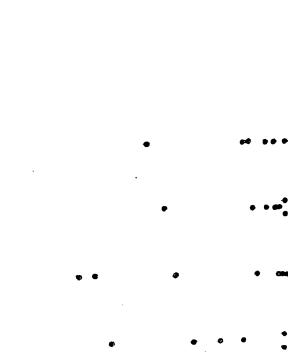
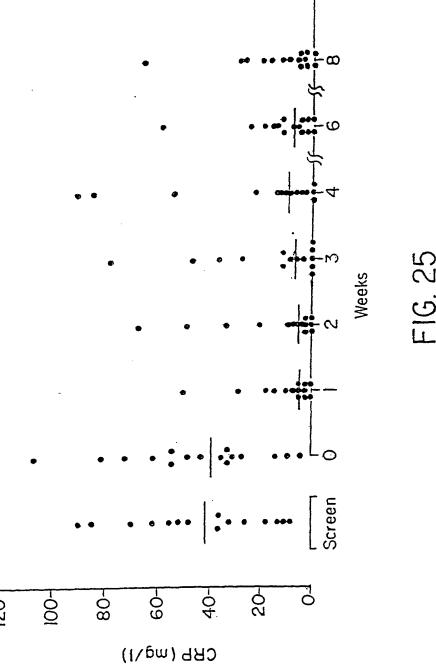
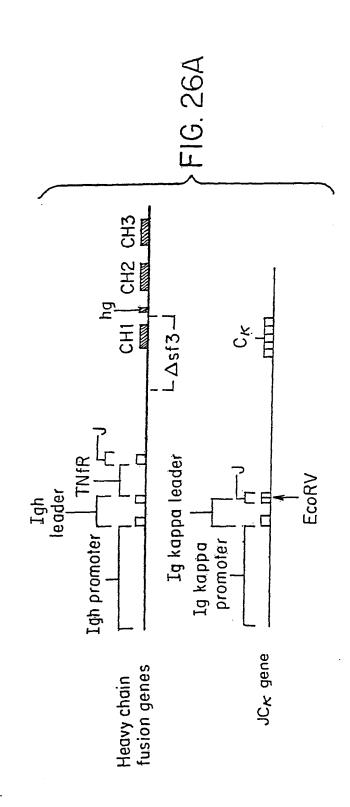


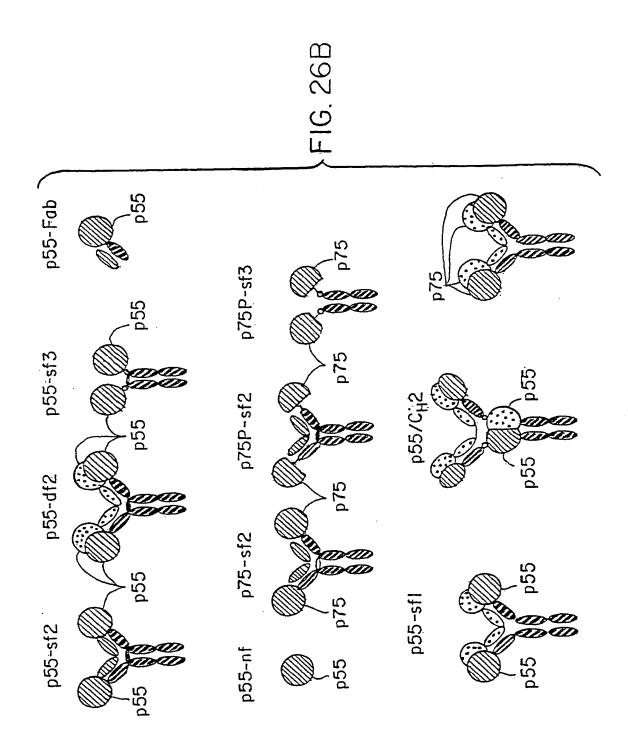
FIG. 23

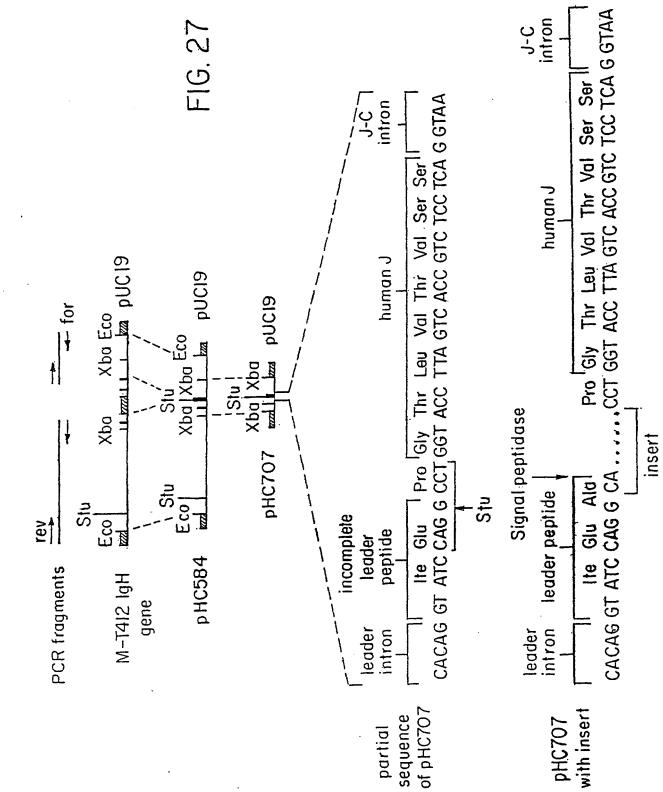


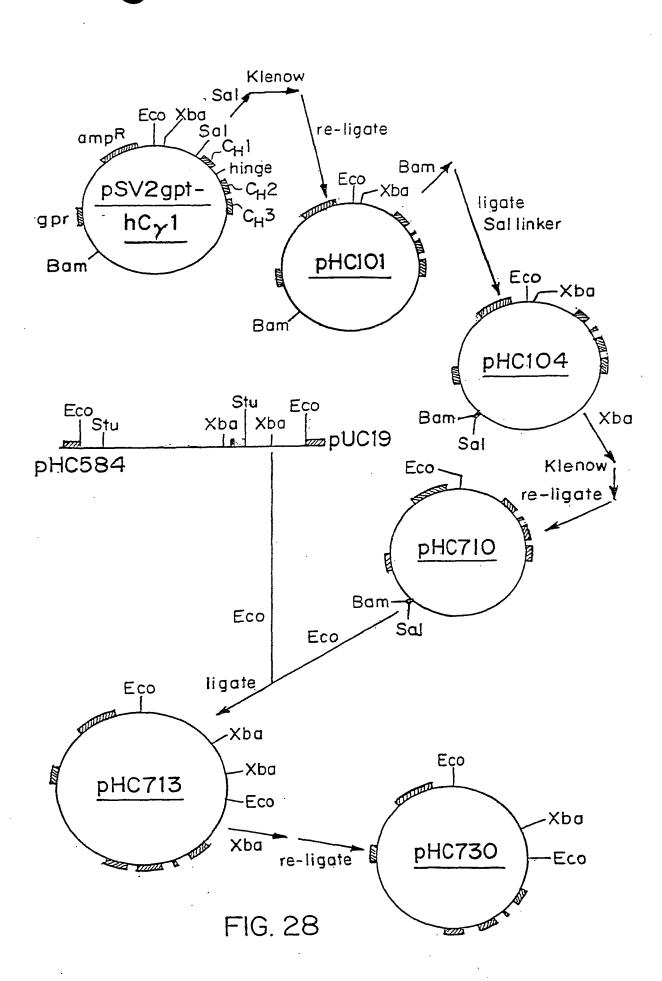


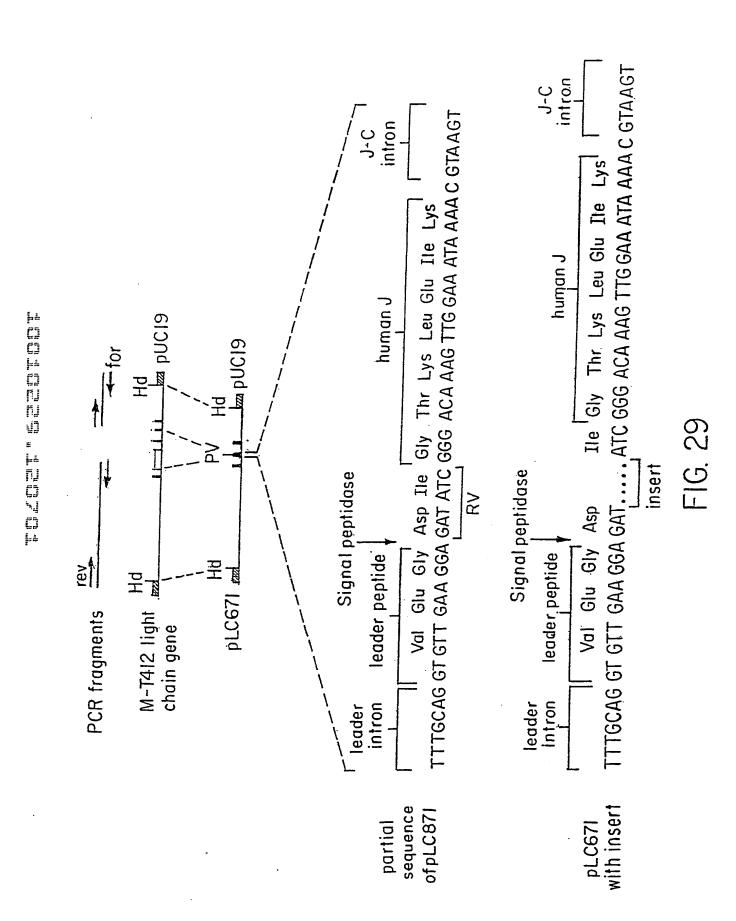












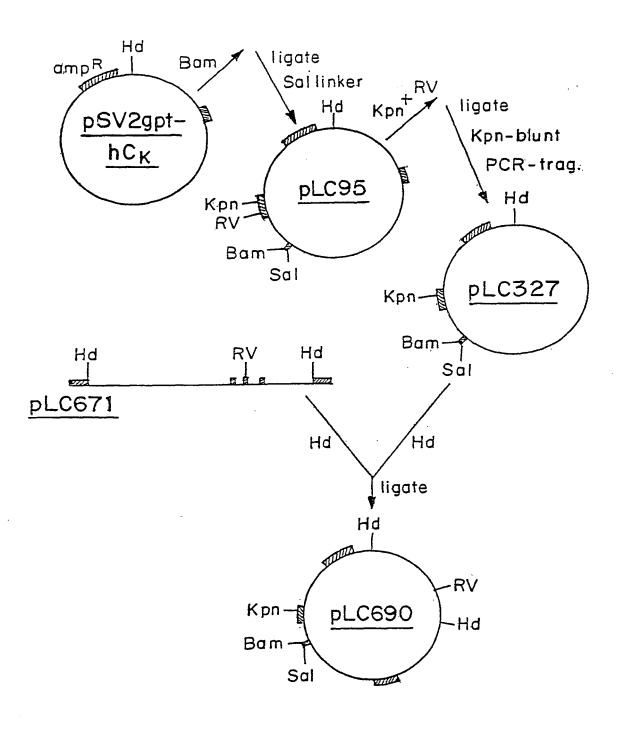


FIG. 30

ntors: Junming Le, et al.

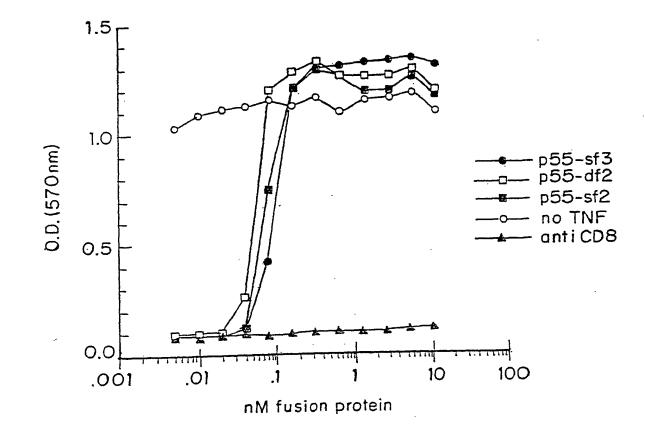


FIG. 31A

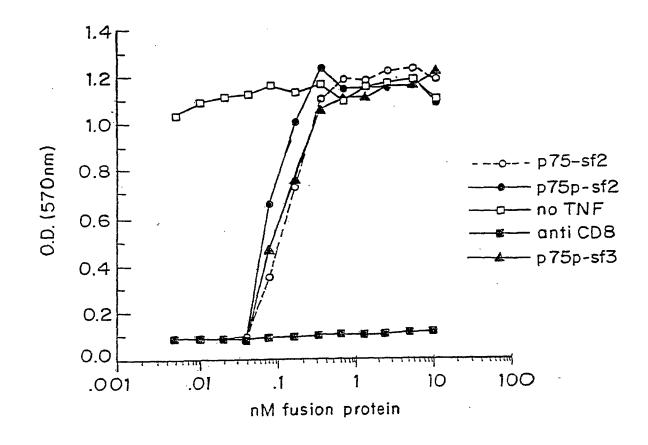


FIG. 31B

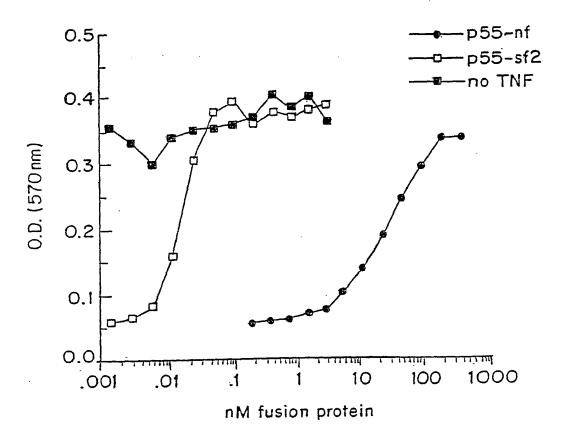


FIG. 31C

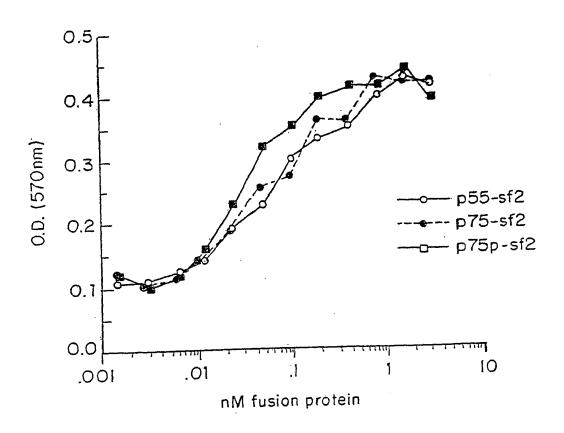


FIG. 32

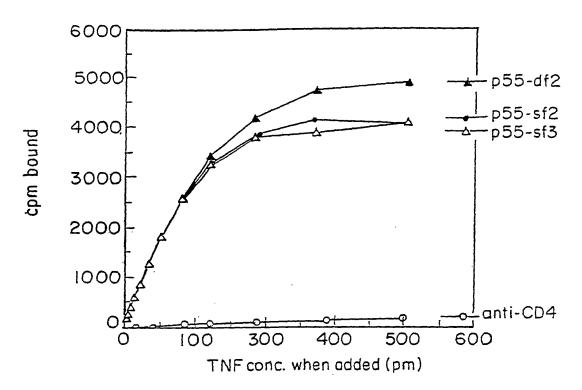


FIG. 33A

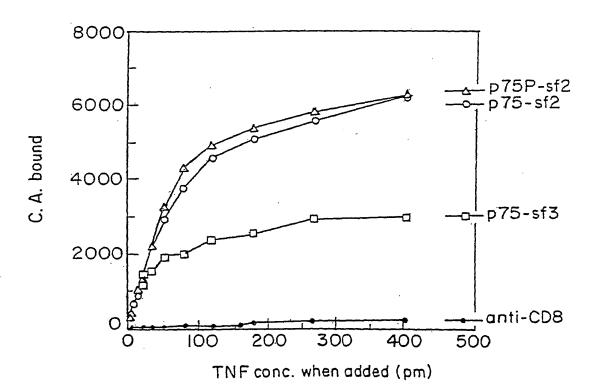
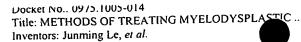
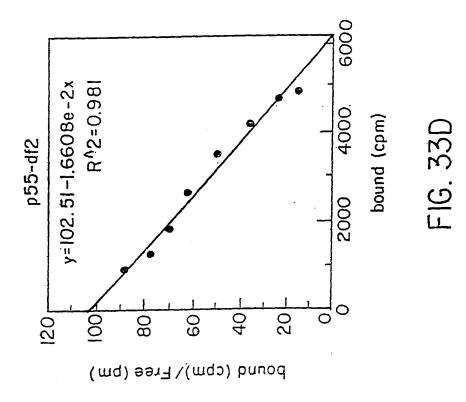
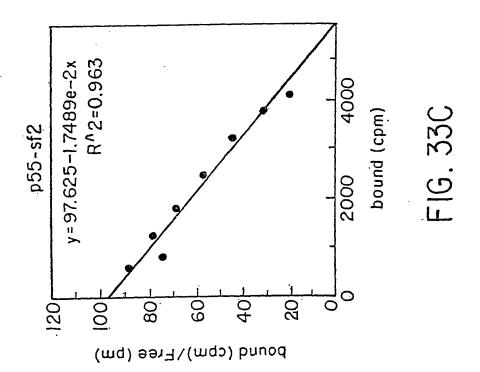
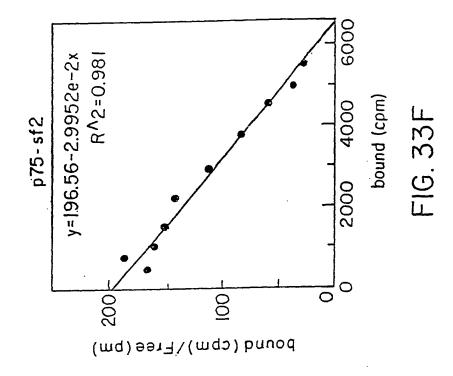


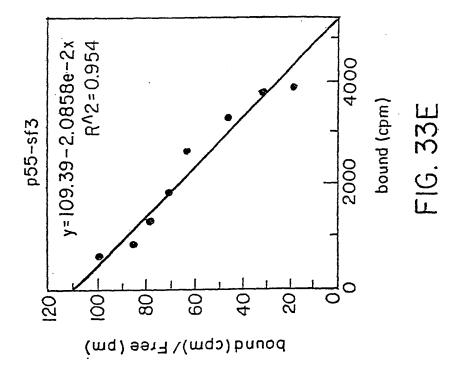
FIG. 33B





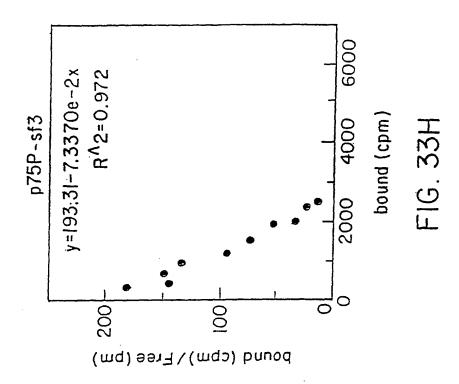


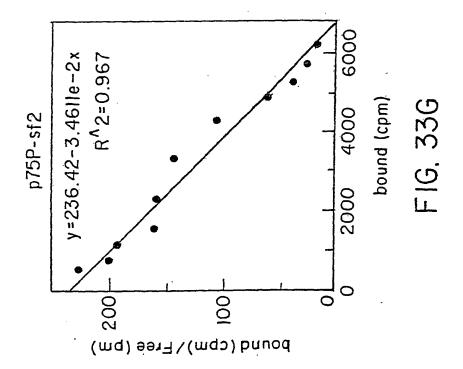




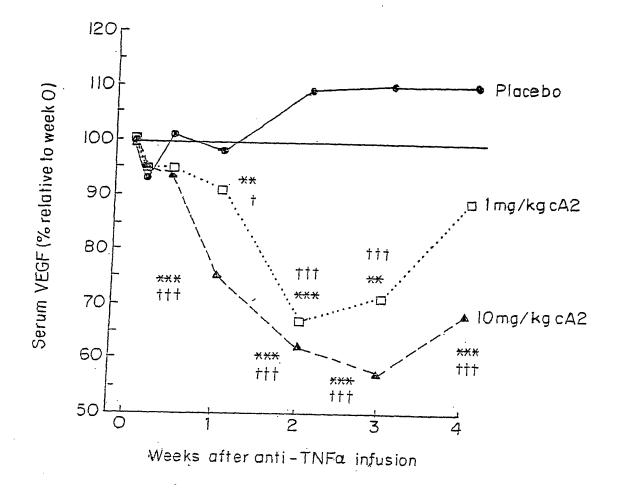
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* p \leq 0.05, ** p \leq 0.01, *** p \leq 0.001 versus pre-infusion † p \leq 0.05, † † p \leq 0.01, † † p \leq 0.001 versus change in placebo group

FIG. 34